

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Svendsen et al.

Confirmation No. 4161

Application No.: 09/441,313

Group Art Unit: 1652

Filed: November 16, 1999

Examiner: Hutson, R

For: Alpha-amylase variants

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AMENDMENT UNDER 37 C.F.R. 1.116

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Before the above-captioned application, entry of the following amendment is respectfully requested (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

OK
to enter.
R. Hutson.

IN THE CLAIMS:

Please cancel claim 43, without prejudice or disclaimer.

Please substitute the following amended claims for pending claims having the same claim numbers:

42. (Amended.) A DNA sequence encoding an alpha-amylase, said alpha-amylase having an amino acid sequence which is at least 60% identical to SEQ ID NO:4 and having an alteration at a position corresponding to S356, using SEQ ID NO:4 for numbering.

44. (Amended.) The DNA sequence of claim 42, wherein the DNA sequence encodes an alpha-amylase that that comprises an alteration at a position corresponding to Y358, using SEQ ID NO:4 for numbering.

49. (Amended.) The DNA sequence of claim 42, wherein the alteration is S356A.

51.(Amended.) The DNA sequence of claim 42, wherein the DNA sequences encodes an alpha-amylase that comprises the following substitutions: 156Y+181T+190F+209V+264S.